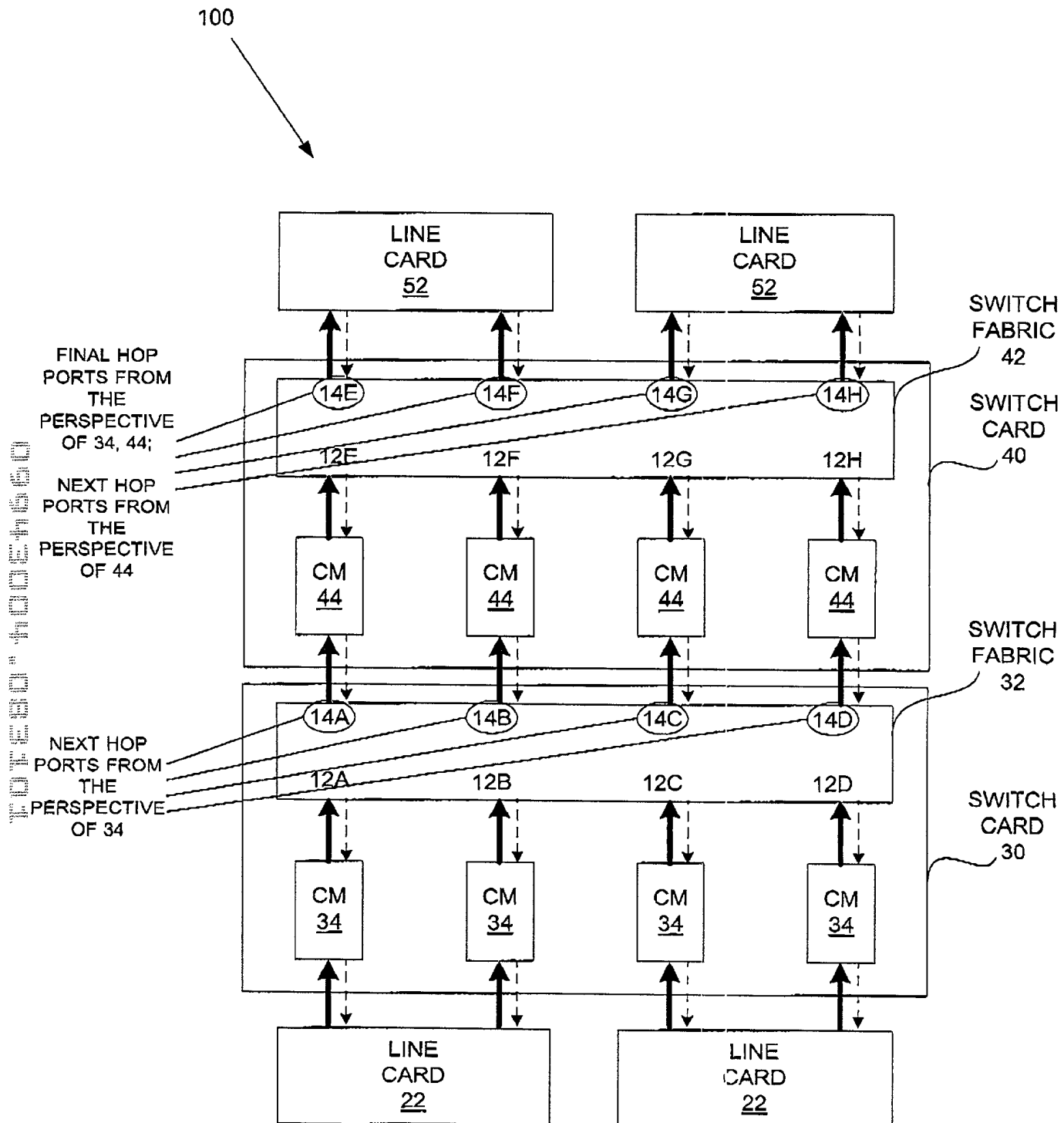


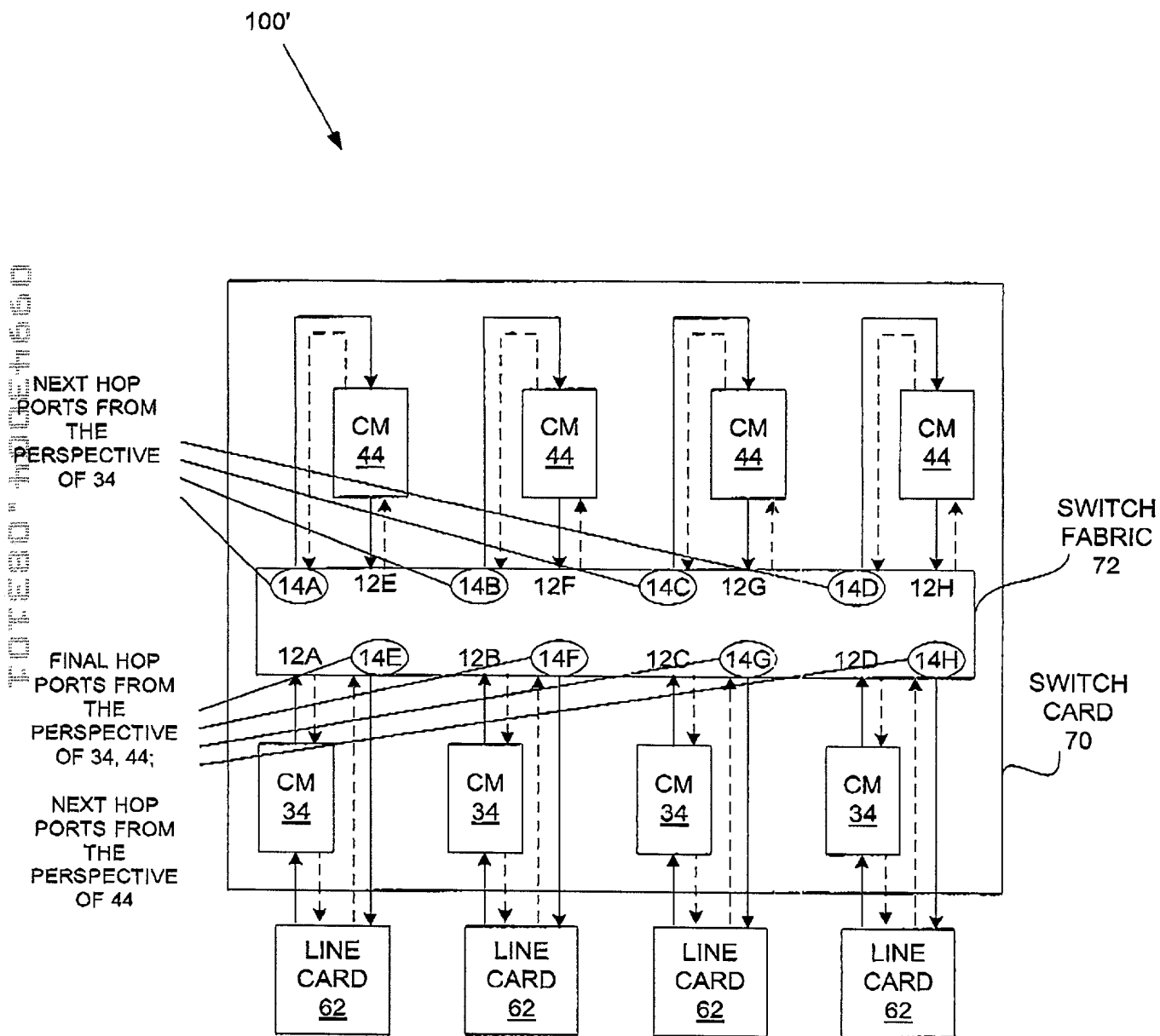
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Fig. 1A



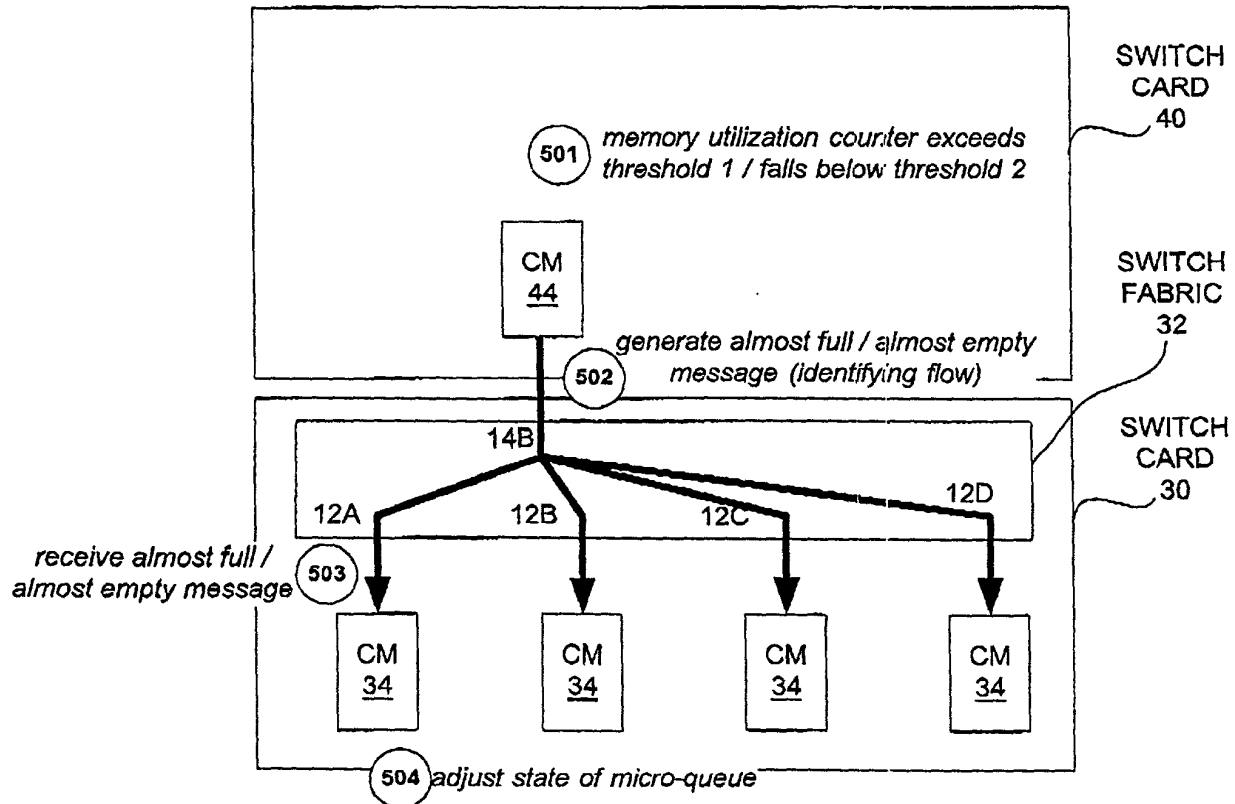
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Fig. 1B



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Fig. 2



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Fig. 3

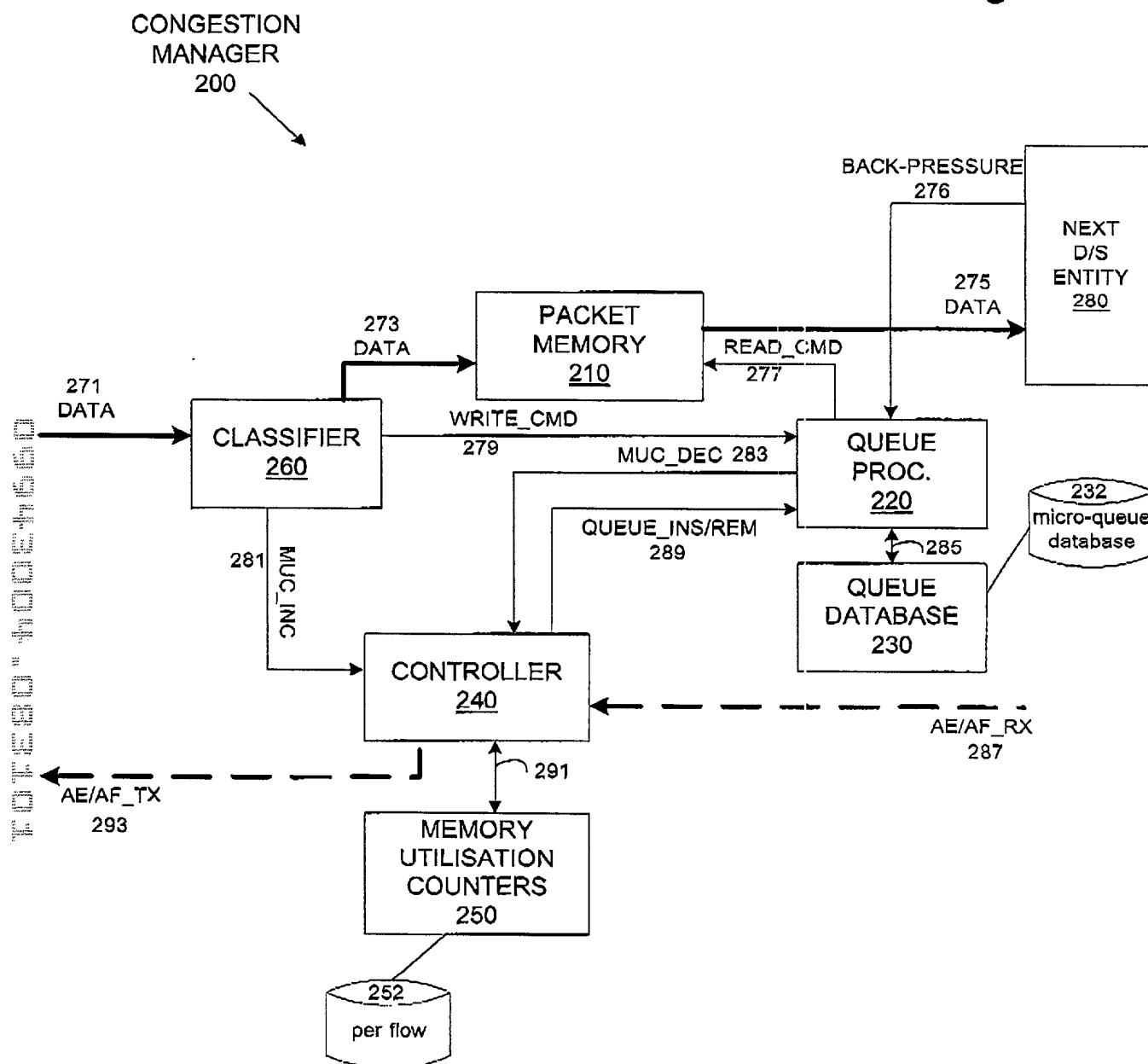


Fig. 4

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defines a flow

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NEXT HOP PORT	FINAL HOP PORT	SERVICE CLASS	LINKED LIST OF ADDRESSES IN PACKET MEMORY 210	ACTIVE / INACTIVE
14A	14E	LOW	XX, XX, XX	XX
14A	14E	MED	XX, XX, XX	XX
14A	14E	HIGH	XX, XX, XX	XX
14A	14F	LOW	XX, XX, XX	XX
14A	14F	MED	XX, XX, XX	XX
14A	14F	HIGH	XX, XX, XX	XX
14A	14G	LOW	XX, XX, XX	XX
14A	14G	MED	XX, XX, XX	XX
14A	14G	HIGH	XX, XX, XX	XX
14A	14H	LOW	XX, XX, XX	XX
14A	14H	MED	XX, XX, XX	XX
14A	14H	HIGH	XX, XX, XX	XX
14B	14E	LOW	XX, XX, XX	XX
...				
14D	14H	HIGH	XX, XX, XX	XX

USED BY QUEUE PROCESSOR 220 TO
TRANSMIT TO NEXT HOP PORT 14A

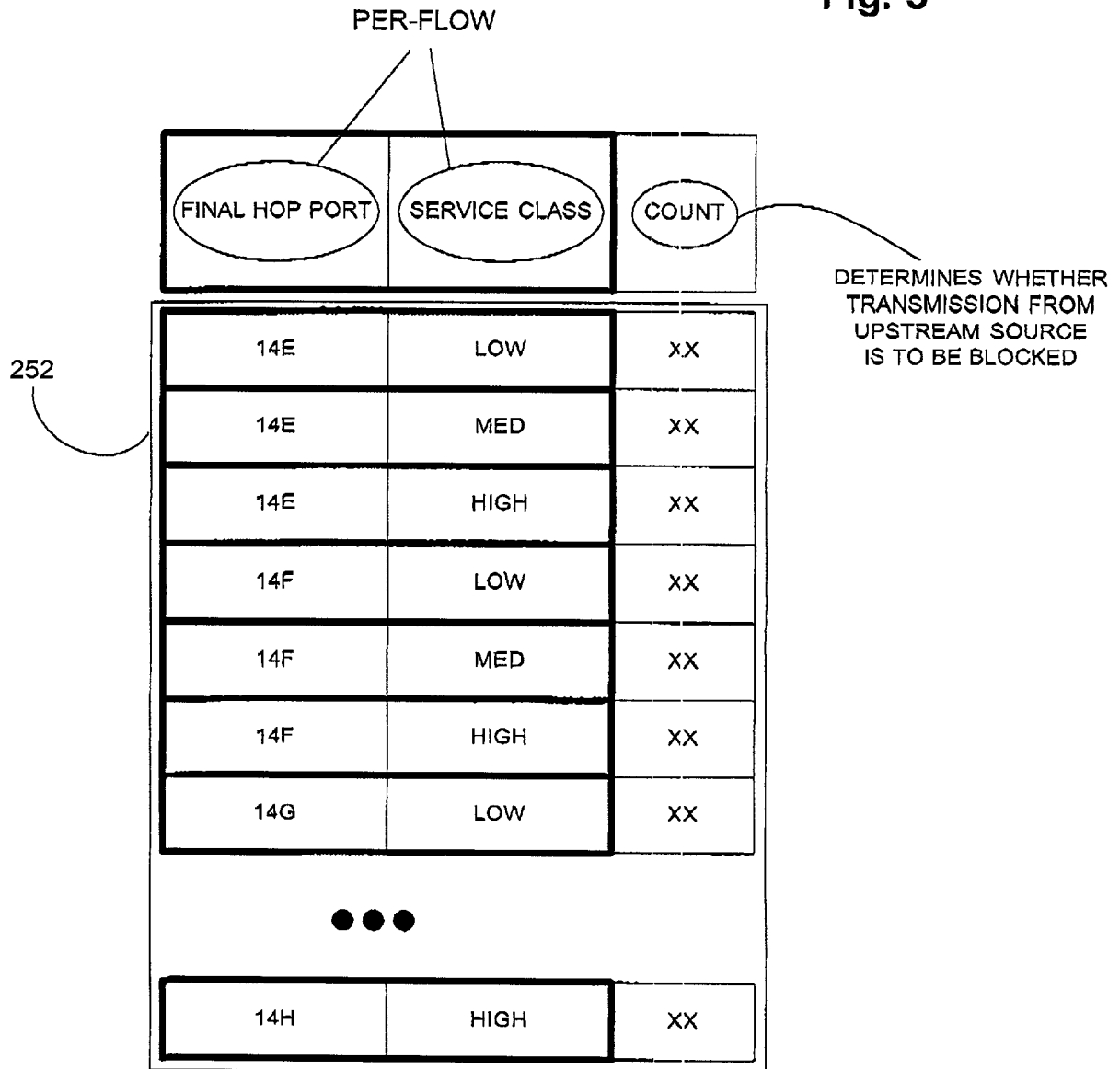
LEGEND:



MICRO-QUEUE

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Fig. 5



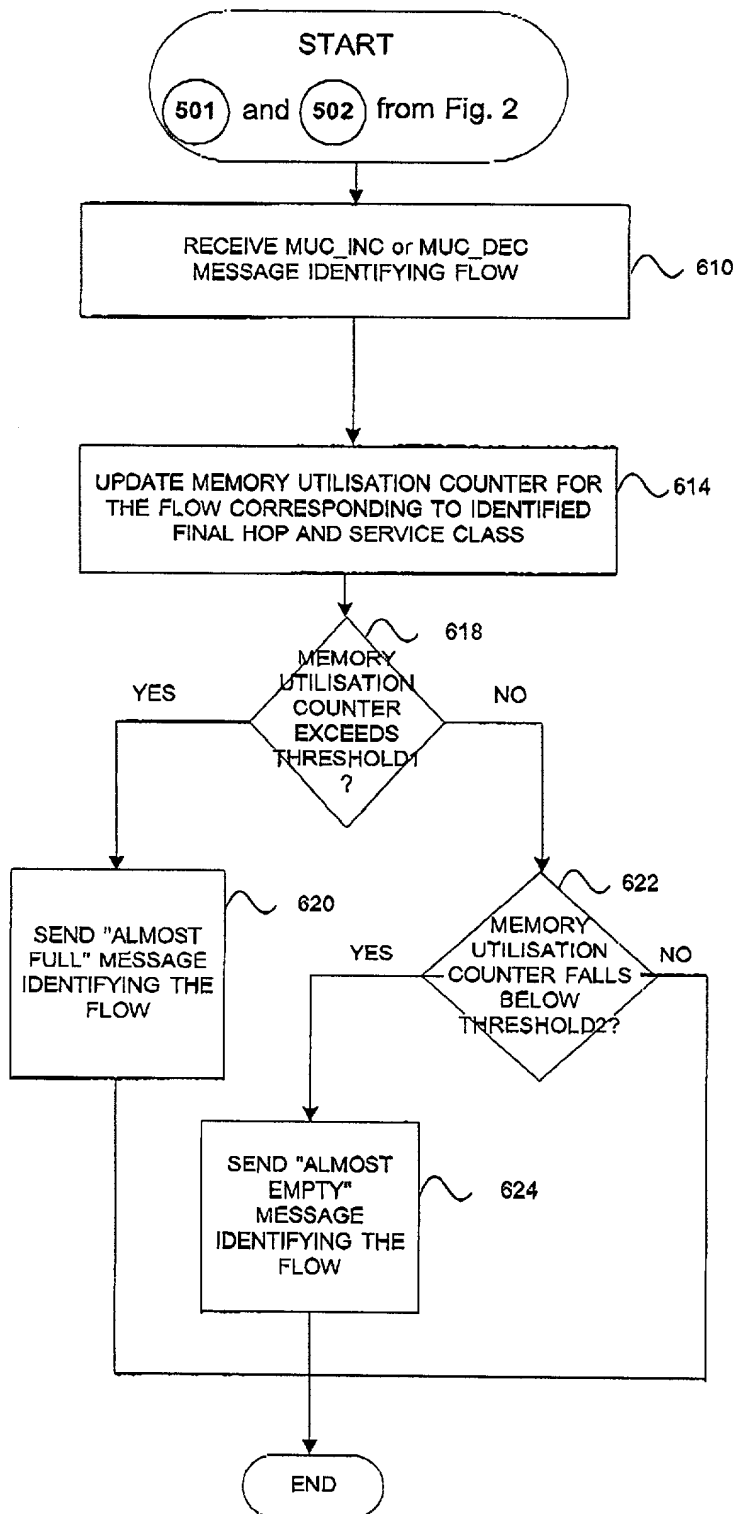
LEGEND:



PER-FLOW MEMORY
UTILISATION COUNTER

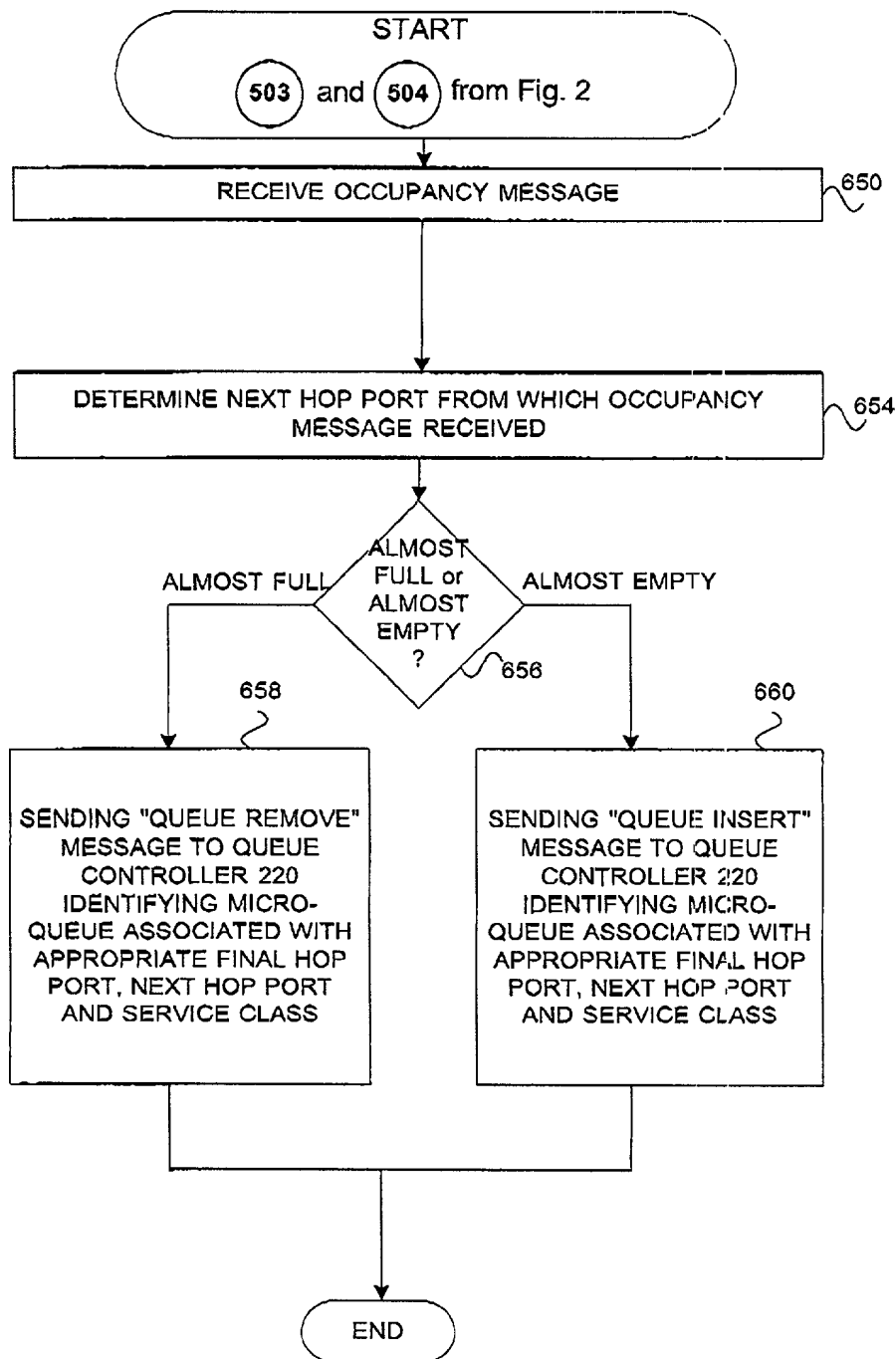
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Fig. 6A



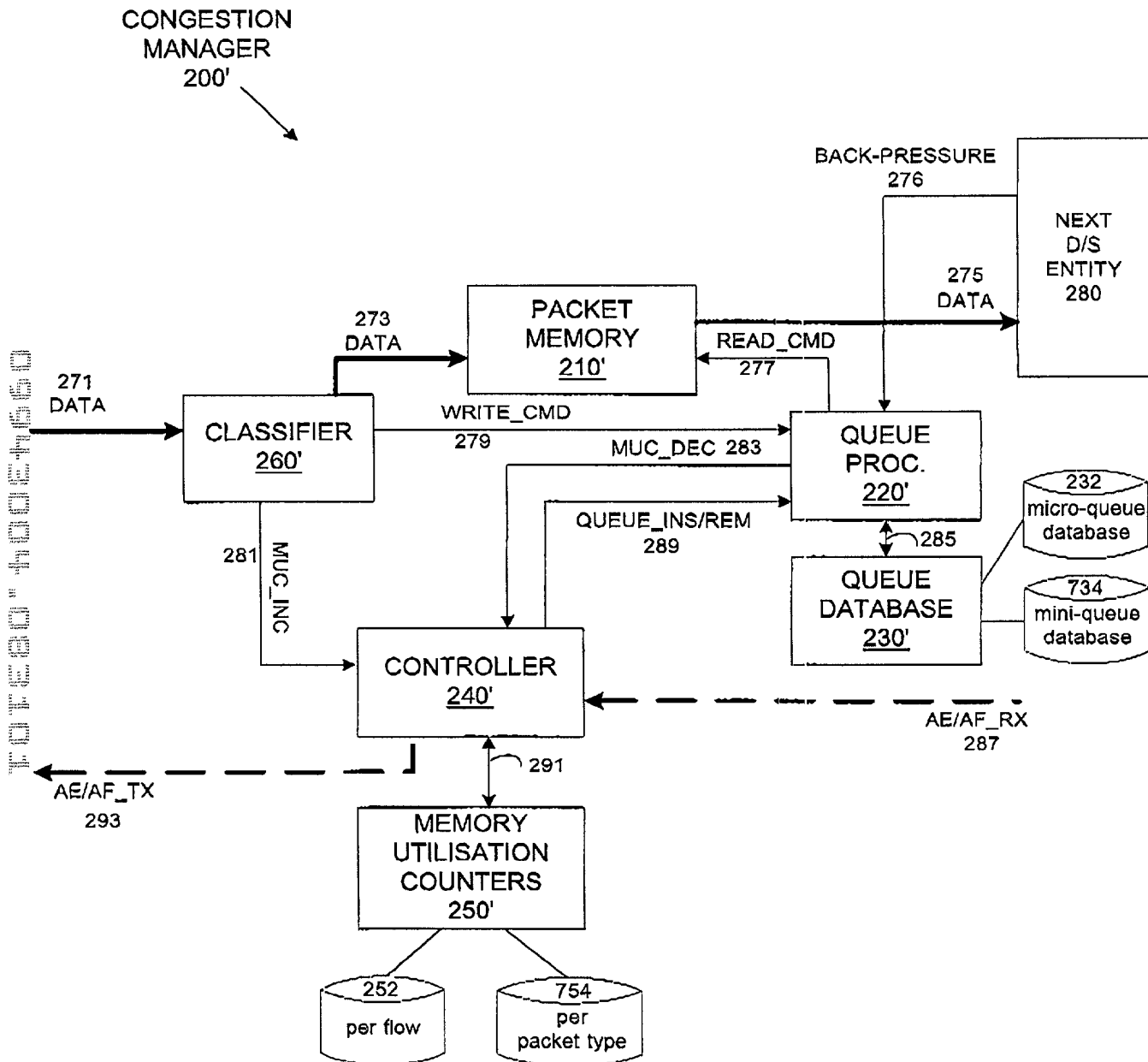
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Fig. 6B



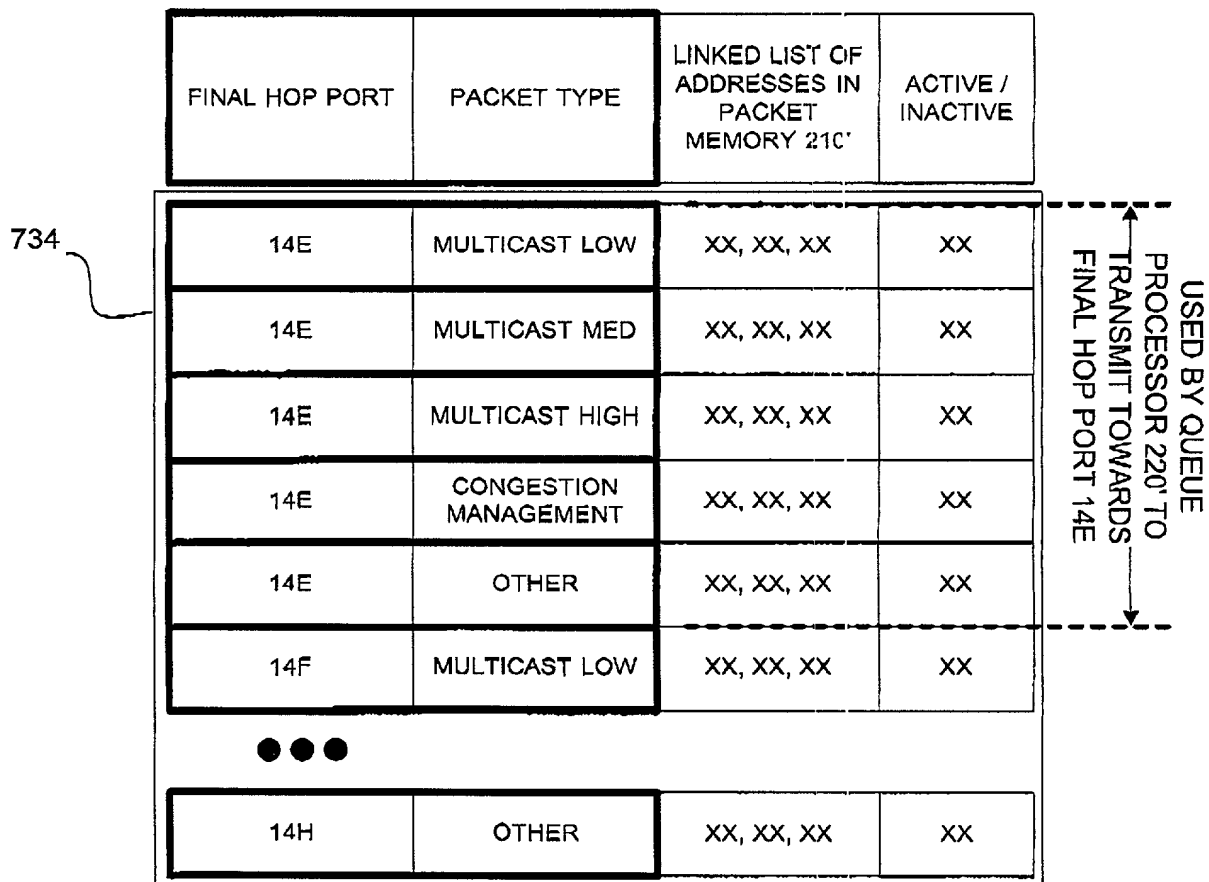
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Fig. 7



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Fig. 8



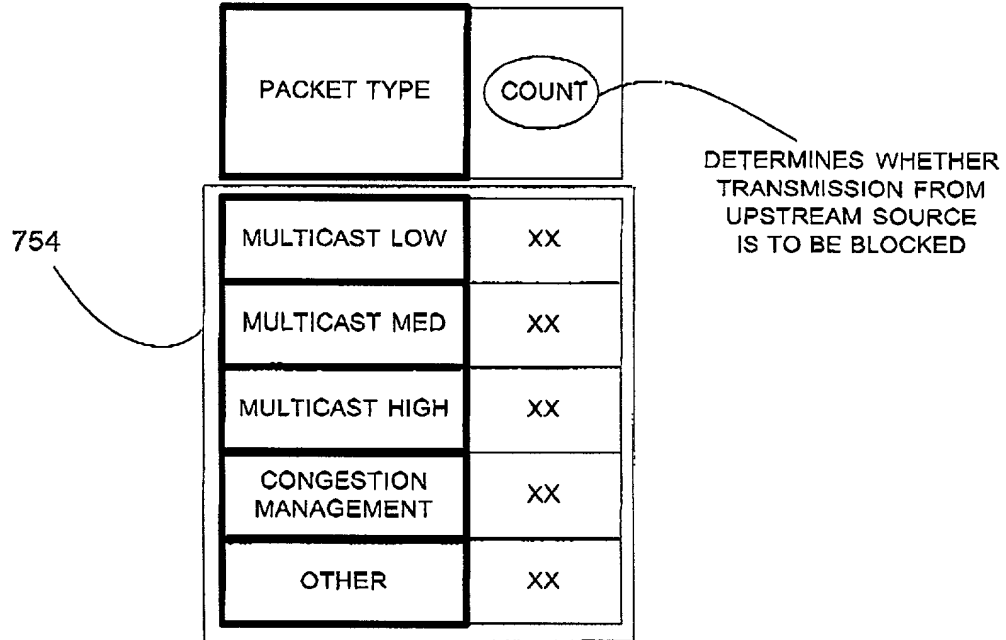
LEGEND:



MINI-QUEUE

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Fig. 9



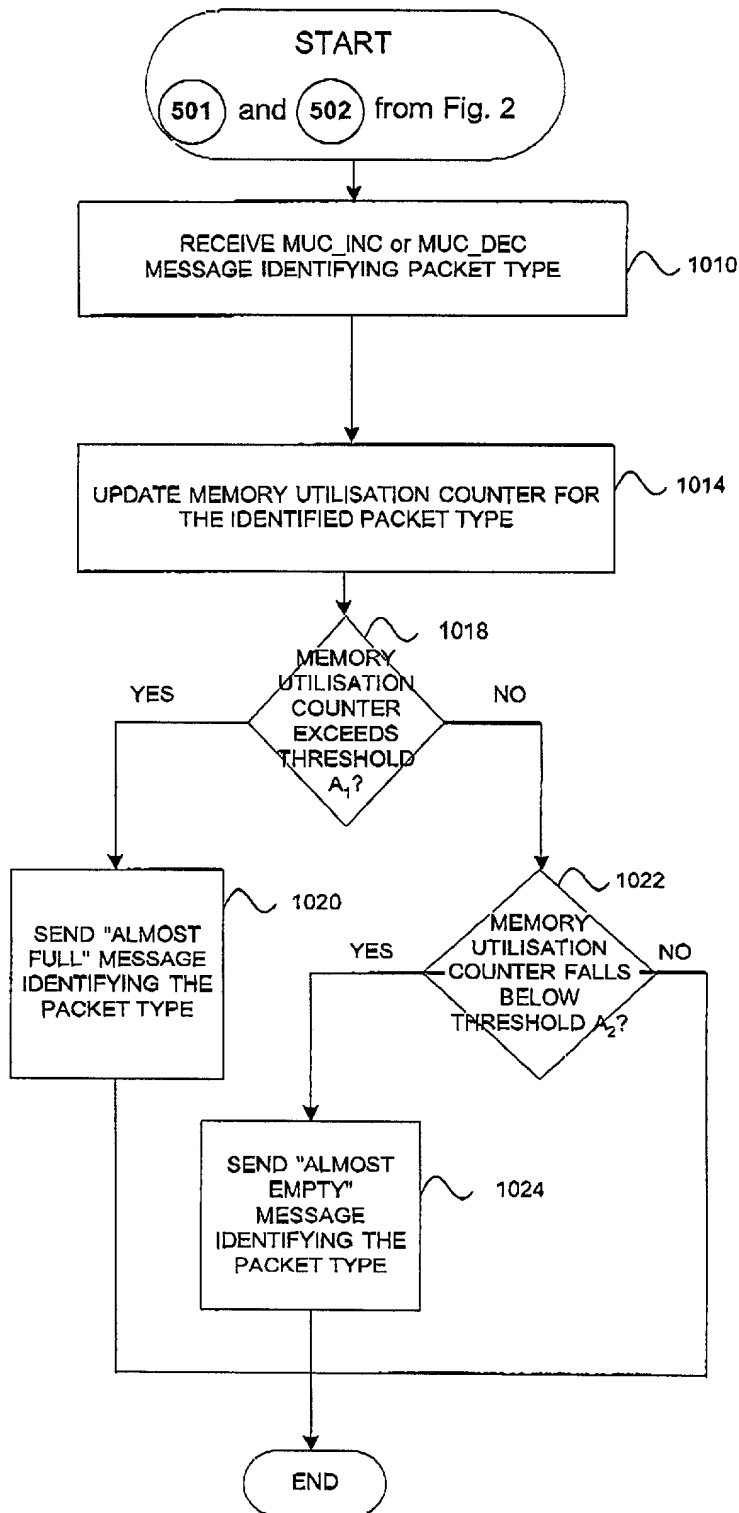
LEGEND:



PER-PACKET-TYPE
MEMORY UTILIZATION
COUNTER

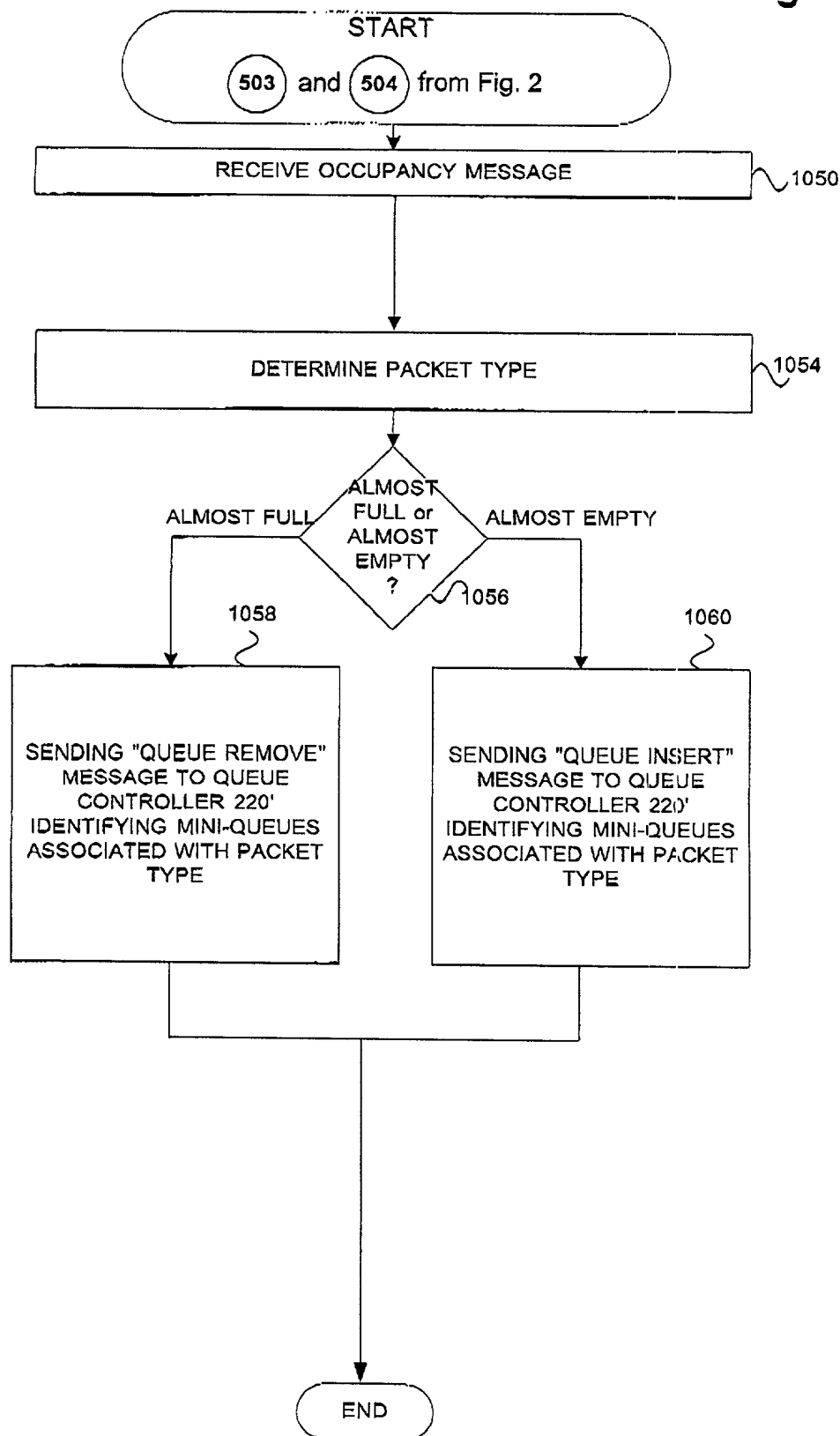
Fig. 10A

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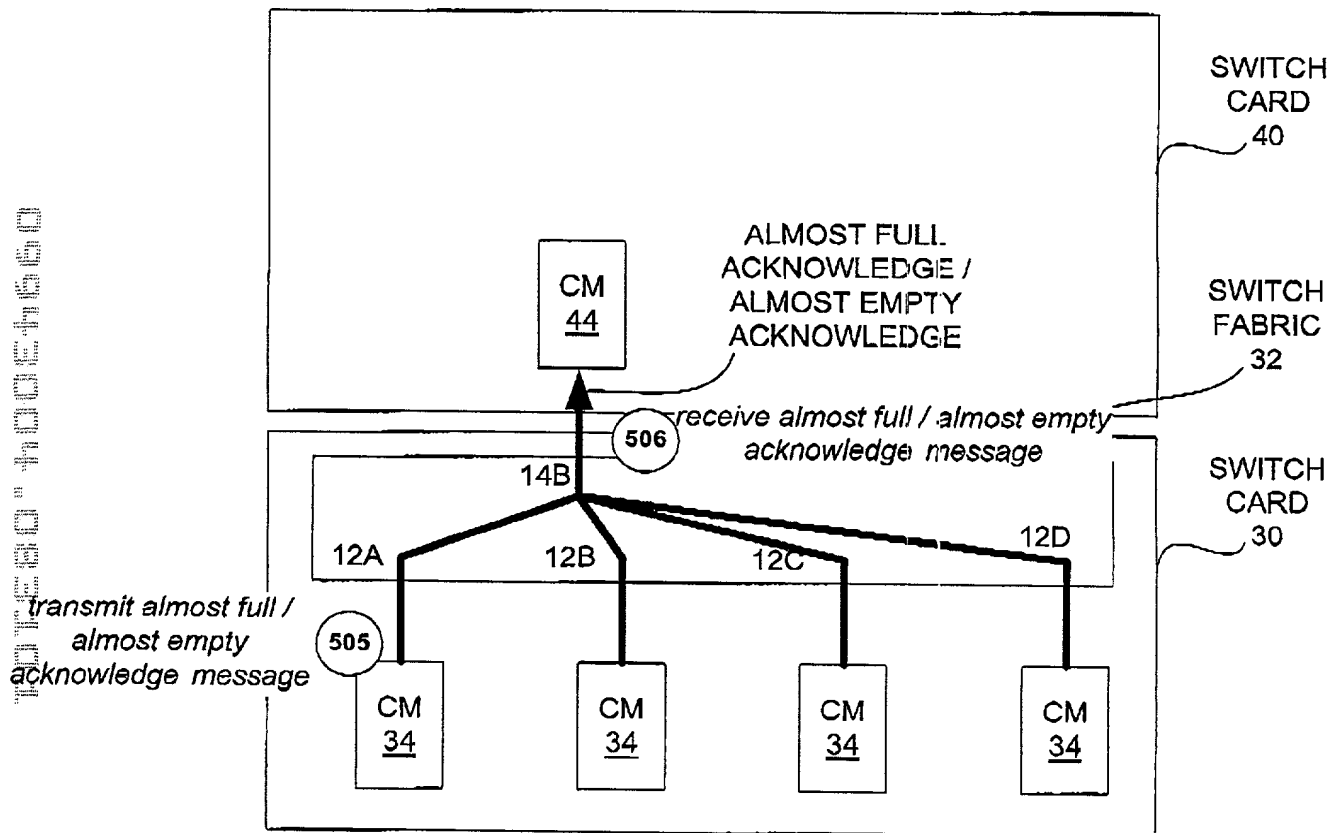
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Fig. 10B



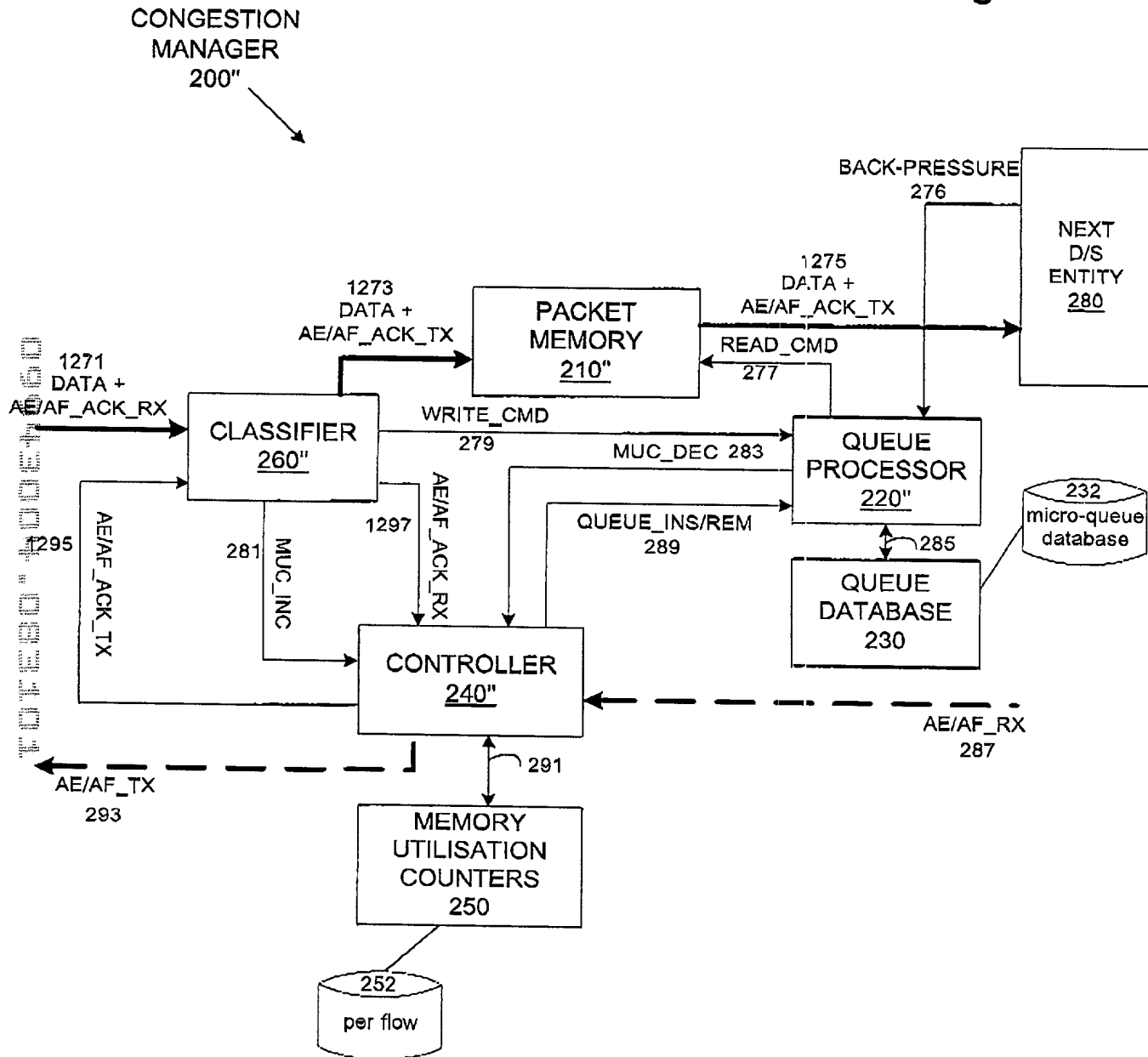
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Fig. 11



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Fig. 12



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Fig. 13

IDENTIFIES AN
INDIVIDUAL
MEMORY
OCCUPANCY
MESSAGE

UPSTREAM CONGESTION MANAGER ID	FLOW ID	AE or AF?

FOR FETHERSTONAUGH CO